

## Mid-Chapter Check

1. Define percent. Write  $\frac{25}{100}$  as a percent then write  $\frac{25}{100}$  as a decimal.

**Write the fraction as a decimal and the decimal as a fraction in simplest form.**

2.  $\frac{8}{20}$

3. 0.64

4.  $\frac{3}{100}$

**Write the percent as a decimal and the decimal as a percent.**

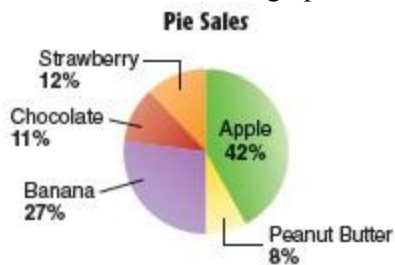
5. 73%

6. 0.1

7. 254%

8. The number of chorus students increased by a factor of 1.2 from the previous year. Write 1.2 as a percent.

9. **Use Math Tools** The graph shows the pie sales during one week for Polly's pies.



- a. What fraction of the pies sold was apple?  
b. Write the percent of strawberry pies sold as a decimal.
10. **Persevere with Problems** The circle below is divided into sections of equal size. What percent of the circle is not shaded?

